

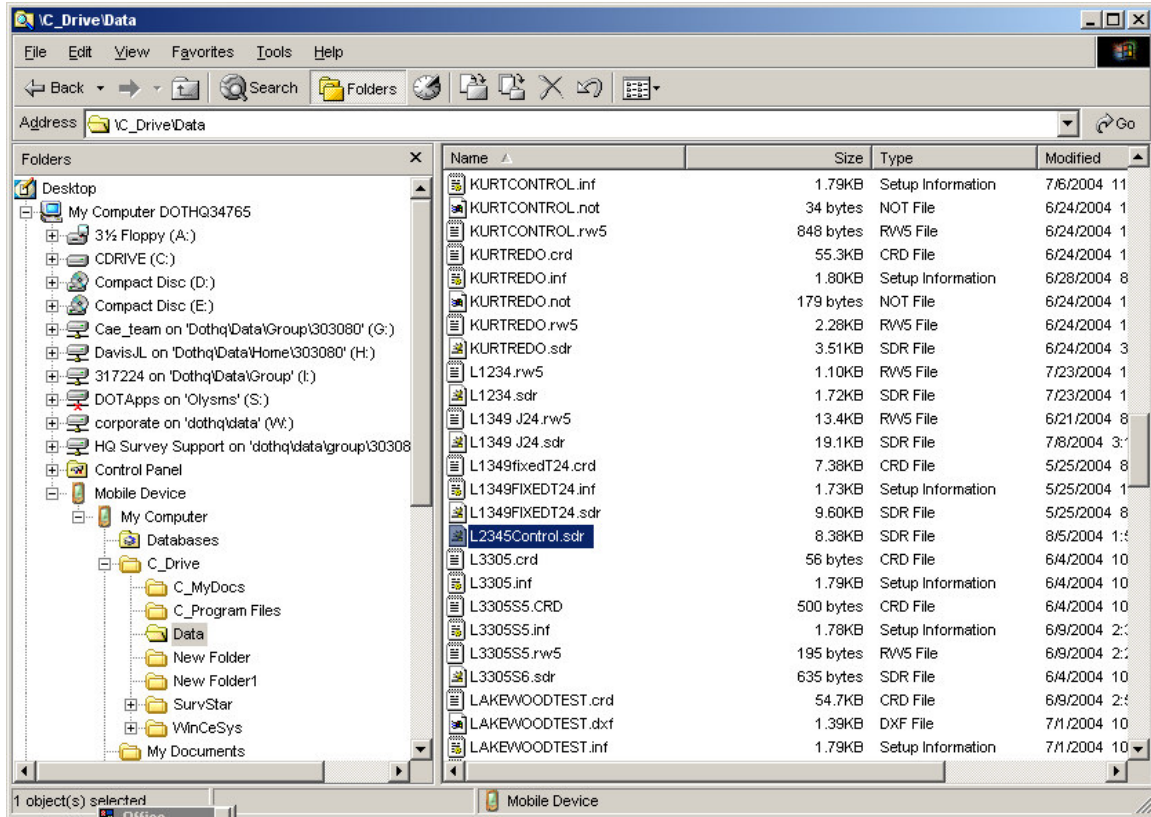
How to Upload an SDR file from CAiCE in Carlson SurvCE Using Active Sync

This document will show how to “upload” a SDR Point file created in CAiCE and bring into the Carlson SurvCE/Allegro data collector. We have found that trying to upload using a serial cable and CAiCE, sometimes does not work correctly. There is an issue when CAiCE tries to write the file. Therefore, the preferred method of uploading is to follow the procedure outlined in this document using Microsoft’s Active Sync with a USB connection and a cradle.

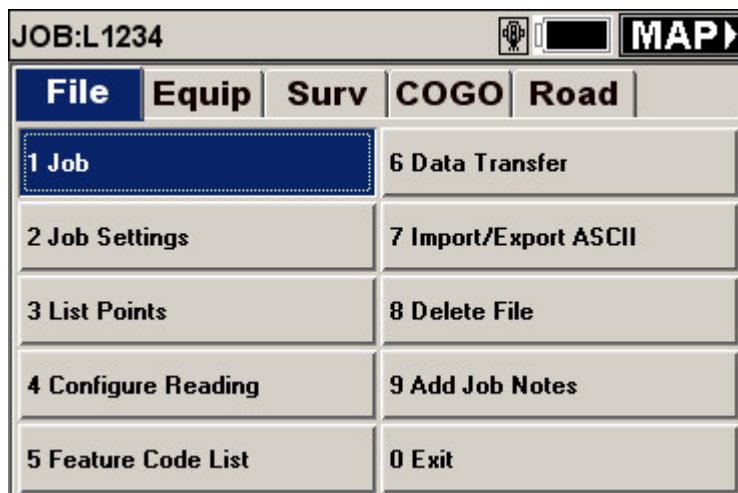
The following procedure is similar for those users who have Trimble TSCE or TDS Ranger collectors running Carlson SurvCE software. If you have any questions uploading using these collectors please contact your regional Survey support or HQ – CAE Survey Support.

After you have created the SDR Point file in CAiCE you want to upload - open Window’s Explorer on you office PC. If it isn’t already, place the Data Collector (DC) in it’s cradle and turn it on. On the PC using Explorer, “Navigate” to where you want to save the file on your DC. Below is a screen capture of Windows Explorer and the “path” where I saved my SDR Point files. I copied and pasted my “L2345Control.sdr” file into the “Data” drive on the DC. To do so, “Left mouse click” on the L2345Control.sdr point file to highlight it, then do a “Right mouse click” and hit “Copy.” Now you need to “navigate” to the folder on your DC where you want to save this point file. “Left mouse double click” on the “Mobile Device” drive in Explorer, as shown below. Continue to “Left mouse double click” on the folders in your path until you open the “Data” folder. Once this folder is open, “Right mouse click” and hit paste. Your SDR point file is now saved on your DC. Keep in mind, your “path” may be different than the one shown.

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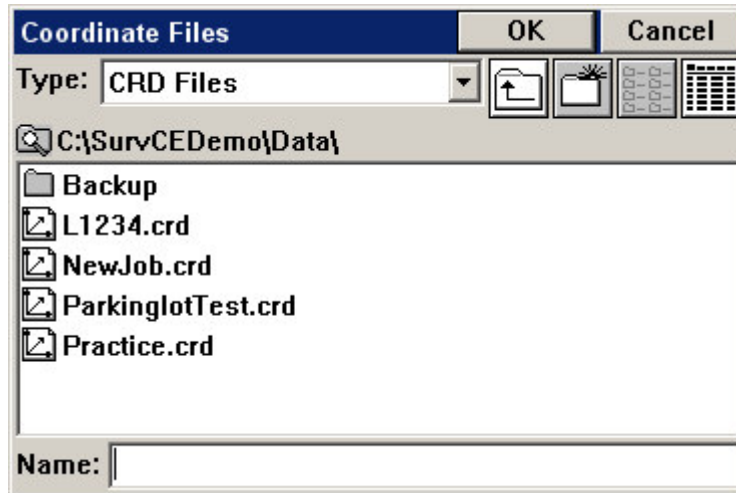


Once you have this file saved in the DC, go to the Main menu of SurvCE as shown below

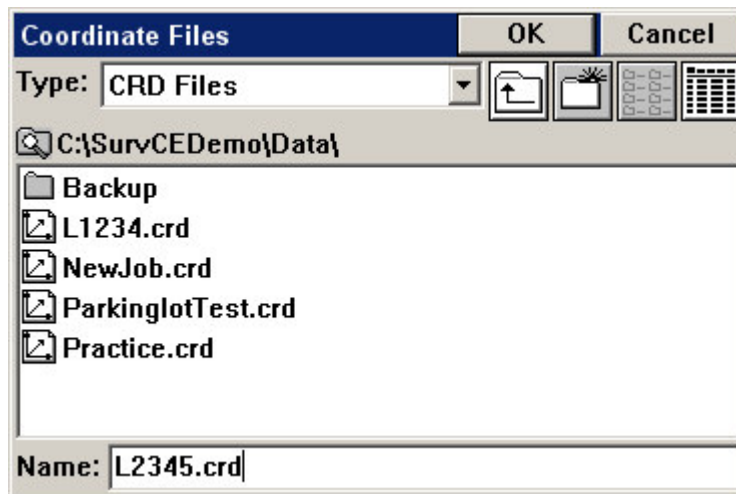


Click the “File” tab and then, “1 Job” menu. This will open the dialog box below.

How to Upload an SDR file from CAiCE in Carlson SurvCE Using Active Sync

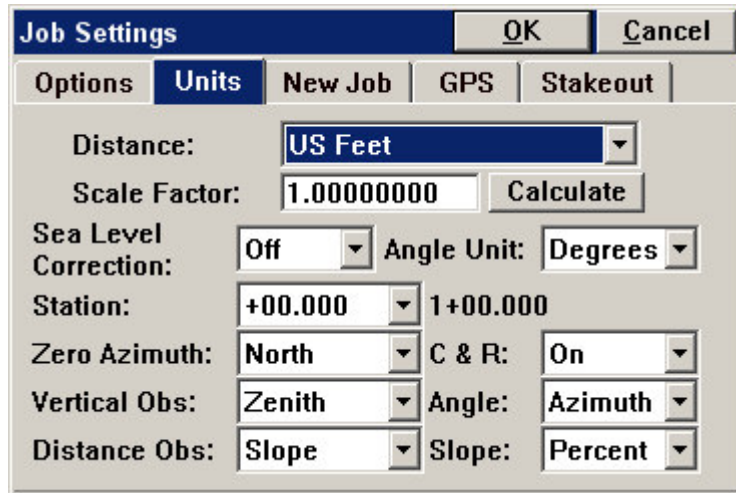


If you have an existing job where you want to save this new SDR data, highlight it with a left click – the file will be placed in the “**Name**” box, then click “**OK**.” If this is a new job, type in the new job in the “**Name**” box. Since this is a new job I have it entered as, “*L2345.crd*” as shown below. Click “**OK**”



If it's a new job, Define your Job Settings, - as appropriate and click “**OK**”.

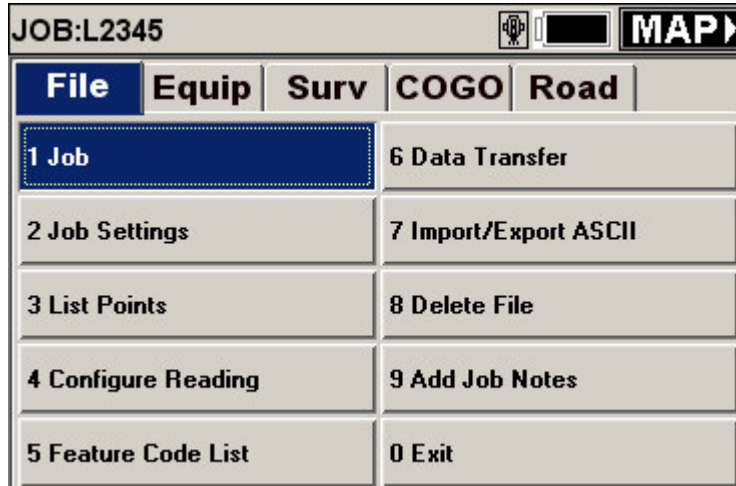
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The Job Settings dialog box is shown with the 'Units' tab selected. It contains various configuration options for the survey job, including distance units, scale factor, sea level correction, angle units, stationing, zero azimuth, vertical observations, and distance observations.

Job Settings		OK	Cancel	
Options	Units	New Job	GPS	Stakeout
Distance:	US Feet			
Scale Factor:	1.00000000	Calculate		
Sea Level Correction:	Off	Angle Unit:	Degrees	
Station:	+00.000	1+00.000		
Zero Azimuth:	North	C & R:	On	
Vertical Obs:	Zenith	Angle:	Azimuth	
Distance Obs:	Slope	Slope:	Percent	

It will take you back to the Main Menu screen.



The Main Menu screen displays the job name 'JOB:L2345' and a 'MAP' button. Below the job name are tabs for 'File', 'Equip', 'Surv', 'COGO', and 'Road'. The 'File' tab is selected, showing a list of menu items:

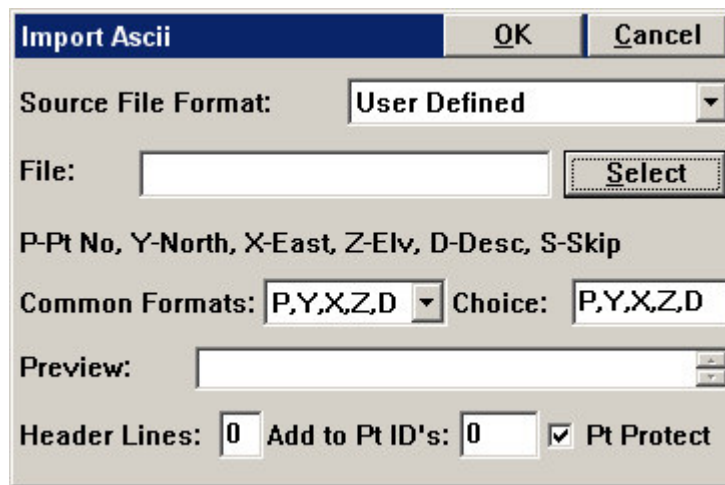
JOB:L2345		MAP		
File	Equip	Surv	COGO	Road
1 Job	6 Data Transfer			
2 Job Settings	7 Import/Export ASCII			
3 List Points	8 Delete File			
4 Configure Reading	9 Add Job Notes			
5 Feature Code List	0 Exit			

At the Main Menu screen shown above click, “**7 Import/Export ASCII**,” and the following screen opens.

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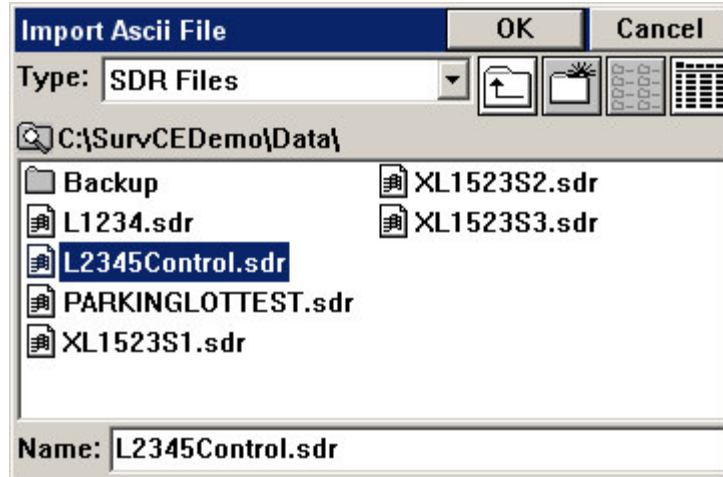


Click, “**Import Ascii File**,” which opens the menu shown below.

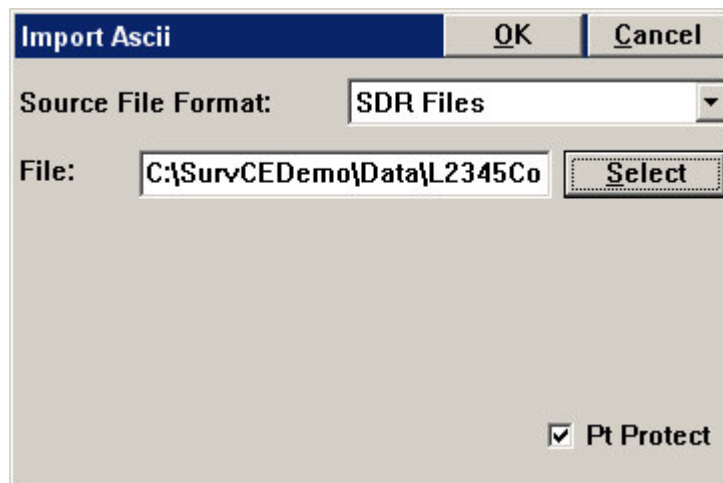


Click on the **V** (Looks like a down arrow?) button on the “**Source File Format**” here you will choose the “**SDR Point files.**” Under “**File**” you will click on “**Select.**” Choose the file you want to import, in this case, “*L2345Control.sdr*” as shown below. Leave the rest of the dialog boxes, I.E. “**Common Formats/Choice/Preview**”/etc. as shown above. Then click “**OK.**”

How to Upload an SDR file from CAiCE in Carlson SurvCE Using Active Sync

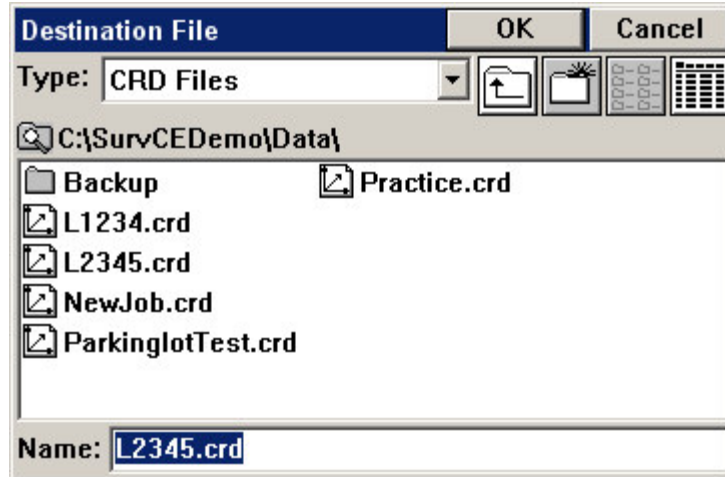


It will take you back to the “Import Ascii” screen, as shown below.

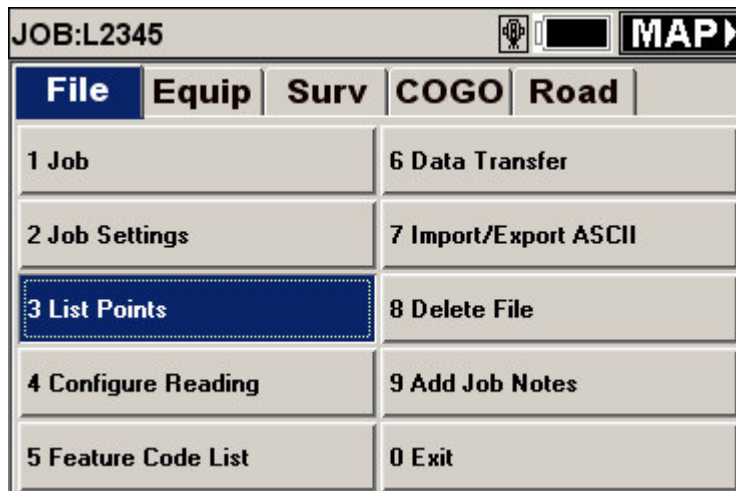


If it's not already, check “on” the “**Pt Protect**” toggle on the bottom right corner. Then click “**OK**.” That will open the following dialog box where you will designate what “**Job**” is the “**Destination File**” or, in other words, where this new SDR Point file will be saved to. I want to save it to my “L2345.crd” job as shown. Click “**OK**.”

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When it's finished it will tell you it's "**Done.**" Click "**OK.**" This will take you back to the Main Menu screen.



To make sure the points are in there, click on "**3 List Points**" under the "**File**" tab. All of the points should show up as shown below. Here you can make any edits, add or delete points if necessary. See the following dialog box.

**How to Upload an SDR file from CAiCE in Carlson SurvCE
Using Active Sync**

Pts: 99		Details	Settings	Close
Pt ID	Northing	Easting	Elevation	Di▲
1	470453.79	1658603.09	456.090	IS
2	470257.05	1658679.52	454.584	IS
3	469802.69	1658684.74	454.453	IS
4	469798.23	1658349.51	441.036	IS
5	470313.75	1658770.86	456.962	P.
6	470305.55	1658773.51	457.264	P.
7	469882.57	1658384.89	444.462	B
8	469851.53	1658781.73	453.119	B
9	469576.66	1658715.79	453.960	B
10	469879.03	1658229.97	450.492	Fi▼
<div>◀</div> <div></div> <div>▶</div>				
Edit		Add	Find	Delete

Note that it shows the total number of points that came in at the top left hand corner.

Now, you can survey as usual.

And that's all folks...